

Medical Equipment, Biotechnology, and Health Care Industry Profile

Background

Medical equipment, biotechnology, and health care comprise an overall industry sector that is experiencing rapid growth in Washington state. If you look at companies that produce medical equipment, there are approximately 130 companies employing close to 7,500 people in the state.

Biotechnology is also a leading growth field for the state. The Washington Biotechnology and Biomedical Association estimates that approximately 170 biotechnology companies exist in the state employing about 15,000 people. They expect employment to double in this area by 2005. Many of the biotechnology companies and research centers are clustered in King and southern Snohomish counties and are composed of commercial firms and research organizations which are engaged primarily in research and development processes with the hope of discovering products that will have commercial value. Venture capital plays a critical role in this specialized sector and a number of research and other institutions in the area support this industry cluster. It is estimated that the biotechnology sector generated \$2 billion in gross business income in 2000. This is a 64% increase from the previous decade.

In 2000, it is estimated that the health care field employed 216,618 people in Washington state. This health care cluster is composed of professionals, nursing establishments and services, hospitals and laboratories and consists of 6800 establishments. In 2000, health care services generated \$13.2 billion in reportable gross business income. Due to two major facilities in the Spokane area, Northeast Washington is a major cluster area for health care services. In addition, the Puget Sound, Olympic Peninsula, Northwest and Southwest Washington are also strong growth areas.

(Source: Northwest Policy Center Cluster Study; Washington Manufacturer's Directory, 2002; and Washington Medical and Biotechnology Association)

Exports

In 2001, Washington exported approximately \$13 million in pharmaceutical products to overseas markets. This would include many of the exports of biotech companies.

In the medical equipment sector, Washington State exported approximately \$487 million in products to overseas markets in 2001. Germany, France, the United Kingdom and Korea are some of the leading export markets for these products.

(Source: MISER statistics)

Leading Companies in Medical Equipment:

- Philips Ultrasound
- Spacelabs Medical, Inc.
- Medtronic Physio-Control
- Siemens Medical System
- Boston Scientific Northwest Technology Center
- Quinton Instrument Company
- SonoSite Inc.
- Agilent Technologies
- Tri-Path Imaging
- Olympic Medical

Leading Companies in Biotechnology:

- Immunex Corporation
- Icos Corporation
- ZymoGenetics, Inc.
- Corixa Corporation
- Rosetta Impharmatics, Inc.
- Applied Precision, Inc.
- Bio-Rad Laboratories, Inc.
- Cell Therapeutics, Inc.
- Targeted Genetics Corporation
- Chiron Corporation

(Source: Puget Sound Business Journal Book of Lists 2002 and Washington CEO)